



**UTILITY
PATENT APPLICATION
TRANSMITTAL**

(Only for new non provisional applications under 37 CFR 1.53 (b))

Attorney Docket No.	84912
First Inventor	RYKEN, et. al.
Title	Test Chamber for a Low Band Antenna Array
Express Mail label No.	EF347574005US

APPLICATION ELEMENTS

See MPEP chapter 600 concerning utility patent application contents

ADDRESS TO:

Mail Stop Patent Application
Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

1. Fee Transmittal Form
(Submit an original, and a duplicate for the processing)

2. Applicant claims small entity status
See 37 CFR 1.27

3. Specification (Total pages 16)

(preferred arrangement set forth below)

- Descriptive title of the invention
- Cross References to Related Applications
- Statement Regarding Fed Sponsored R & D
- Reference to sequence listing, a table, or a computer program listing appendix.
- Background of the Invention
- Brief Summary of the Invention
- Brief Description of the Drawings (if filed)
- Detailed Description
- Claim(s)
- Abstract of the Disclosure

4. Drawing(s) (35 U.S.C. 113) (Total sheets 2)

5. Oath or Declaration (Total sheets 3)

a. Newly executed (original or copy)

b. Copy from a prior application (37 CFR 1.63(d))
(for continuation / divisional with Box 18 completed)

i. Deletion of Inventor(s)

*Signed statement attached deleting inventor(s)
named in the prior application, see 37 C.F.R.
1.63(d)(2) and 1.33(b)*

6. Application Data Sheet See 37 CFR 1.76

7. CD-ROM or CD-R in duplicate, large table or
Computer Program (Appendix)

8. Nucleotide and/or Amino Acid Sequence Submission
(if applicable, all necessary)

a. Computer Readable Form (CRF)

b. Specification Sequence Listing on:

- i. CD-ROM or CD-R (2 copies); or
- ii. paper

c. Statement verifying identity of above copies

31281 U.S.PTO
10/7/122003

ACCOMPANYING APPLICATION PARTS

9. Assignment Papers(cover sheet & document(s))

10. 37 CFR 3.73(b) Statement
(when there is an assignee) Power of Attorney

11. English Translation Document (if applicable)

12. Information Disclosure
Statement (IDS)/PTO-1449 Copies Of IDS
Citations

13. Preliminary Amendment

14. Return Receipt Postcard (MPEP 503)
(Should be specifically itemized)

15. Certified Copy of Priority Document(s)
(if foreign priority is claimed)

16. Nonpublication Request under 35 U.S.C. 122
(b)(2)(B)(i). Applicant must attach form PTO/SB/35
or its equivalent.

17. Other

18. If a CONTINUING APPLICATION check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title, or in a Application Data Sheet under 37 CFR 1.76:

Continuation Divisional Continuation-in-part (CIP) of prior application No.:

Prior application information: Examiner

Group/Art Unit

For CONTINUATION OR DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. CORRESPONDENCE ADDRESS

Customer Number 24129

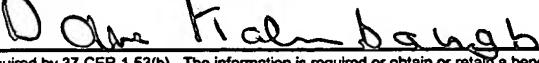
or Correspondence Address Below

Name NAWCWD Code K00000E

Address 575 "I" Avenue Suite 1 Bldg 36 Rm 2308

City Point Mugu	State	CA	Zip Code	93042-5049
-----------------	-------	----	----------	------------

Country USA	Telephone	805-989-8266	Fax	
-------------	-----------	--------------	-----	--

Name	David S. Kalmbaugh	Registration No. (Attorney/Agent)	29,234	
Signature			Date	12 Nov 2003

This collection of information is required by 37 CFR 1.53(b). The information is required or obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

FEE TRANSMITTAL
FOR FY 2004

Effective 01/01/2003. Patent fees are subject to annual revision.

 Applicant claims small entity status. See 37 CFR 1.27

TOTAL AMOUNT OF PAYMENT \$810.00

Complete if known

Application Number	
Filing Date	
First Named Inventor	RYKEN, et. al.
Examiner Name	
Art Unit	
Attorney Docket No.	84912

METHOD OF PAYMENT (check all that apply)

 Check Credit card Money Order Other None
 Deposit AccountDeposit Account Number
Deposit Account Name

50-0931

NAWCWD - Pt Mugu/ China Lake

The Director is authorized to: (check all that apply)

 Charge fee (s) indicated below Credit any overpayments Charge any additional fee (s) or any underpayment of fee(s) Charge fee (s) indicated below, except for the filing fee to the above - identified deposit account.

FEE CALCULATION

1. BASIC FILING FEE

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description	Fee Paid
1001	770	2001	385	Utility filing fee	\$770.00
1002	340	2002	175	Design filing fee	
1003	530	2003	285	Plant filing fee	
1004	770	2004	385	Reissue filing fee	
1005	160	2005	80	Provisional filing fee	
SUBTOTAL (1)		\$770.00			

2. EXTRA CLAIM FEES FOR UTILITY AND REISSUE

Extra Claims	Fee from below
Total Claims 20	-20** = <input type="text"/> X <input type="text"/> = <input type="text"/>
Independent Claims 3	-3 ** = <input type="text"/> X <input type="text"/> = <input type="text"/>
Multiple Dependent	<input type="text"/> = <input type="text"/>

Large Entity Small Entity

Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Description
1202	18	2202	9	Claims in excess of 20
1201	86	2201	43	Independent claims in excess of 3
1203	290	2203	145	Multiple dependent claim, if not paid
1204	86	2204	43	** Reissue independent claims over original patent
1205	18	2205	9	** Reissue claims in excess of 20 and over original patent
SUBTOTAL (2)				

** or number previously paid, if greater; For Reissues, see above

3. ADDITIONAL FEES		Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1051	130	2051	65			Surcharge - late filing fee or oath	
1052	50	2052	25			Surcharge - late provisional filing fee or cover sheet	
1053	130	1053	130			Non-English specification	
1812	2,520	1812	2,520			For filing a request for ex parte reexamination	
1804	920*	1804	920*			Requesting publication of SIR prior to Examiner action	
1805	1,840*	1805	1,840*			Requesting publication of SIR after Examiner action	
1251	110	2251	55			Extension for reply within first month	
1252	420	2252	210			Extension for reply within second month	
1253	950	2253	475			Extension for reply within third month	
1254	1,480	2254	740			Extension for reply within fourth month	
1255	2,010	2255	1,005			Extension for reply within fifth month	
1401	330	2401	165			Notice of Appeal	
1402	330	2402	165			Filing a brief in support of an appeal	
1403	290	2403	145			Request for oral hearing	
1451	1,510	1451	1,510			Petition to institute a public use proceeding	
1452	110	2452	55			Petition to revive - unavoidable	
1453	1,330	2453	655			Petition to revive - unintentional	
1501	1,330	2501	655			Utility issue fee (or reissue)	
1502	480	2502	240			Design issue fee	
1503	640	2503	320			Plant issue fee	
1460	130	1460	130			Petitions to the Commissioner	
1807	50	1807	50			Processing fee under 37 CFR 1.17 (q)	
1806	180	1806	180			Submission of Information Disclosure Stmt	
8021	40	8021	40			Recording each patent assignment per property (times number of properties)	\$40.00
1809	770	2809	385			Filing a submission after final rejection (37 CFR 1.129(a))	
1810	770	2810	385			For each additional invention to be examined (37 CFR 1.129 (b))	
1801	770	2801	385			Request for Continued Examination (RCE)	
1802	900	1802	900			Request for expedited examination of a design application	
Other fee (specify)							
SUBTOTAL (2)					SUBTOTAL (3)		
* Reduced by Basic Filing Fee Paid					\$40.00		

(Complete if applicable)

Name (Print/ Type)	David S. Kalmbaugh	Registration No. (Attorney / Agent)	29,234	Telephone	805-989-8266
Signature				Date	12 Nov 2003

WARNING: Information on this form may become public. Credit card information should not be included on this form. Provide credit card information and authorization on PTO-2038.

This collection of information is required by 37 CFR 1.53(b). The information is required or obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Mail stop Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.

Certificate of Mailing under 37 CFR 1.8

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to:

Mailstop: Patent Application
Commissioner for Patents
PO Box 1450
Alexandria VA 22313-1450

on 12 Nov 2003
Date


Signature

David S. Kalmbaugh, Reg # 29234
Typed or printed name of person of signing Certificate

Note: Each paper must have its own certificate of mailing, or this certificate must identify each submitted paper.

Attorney Docket No. 84912

Transmittal Form (orig©)	2pp
Fee Transmittal Form (orig©)	2pp
Application (orig)	16pp
Drawings (2 Sheets) (orig)	2pp
Recordation Form (orig©)	2pp
Assignment (orig & copy)	2pp
Declaration (orig & copy)	4pp
Non Publication Req (orig)	1pp
Post Card	

USPS Express Mail: EF347574005US